

### CLAIMS

1. (Currently amended) A method of sawing and trimming boards comprising:
  - feeding a plurality of boards past a sensing station on a conveyor along a path;
  - sensing the length of each of said boards;
  - determining whether a selected board will be sawn and the location at which said board will be sawn based upon the sensed length;
  - sawing the boards at said location;
  - aligning boards adjacent one side of said conveyor against a lumber line on said one side wherein the lumber line is contiguous with the path;
  - aligning boards adjacent the other side of conveyor against a lumber line on said other side wherein the lumber line is contiguous with the path;
  - selectively placing boards adjacent said lumber line on said one side into a first plurality of bins successively positioned along said path; and
  - selectively placing boards positioned adjacent said lumber line on said other side into a second plurality of bins successively positioned ~~bins~~ along said path.
2. (Currently amended) The method of Claim 1, further comprising:
  - sorting said boards by length and placing boards of common length into predetermined ones of said bins.
3. (Original) The method of Claim 1, further comprising:
  - determining the grade of said boards;
  - sorting said boards according to grade; and
  - placing boards of common grade into predetermined ones of said bins.
4. (Original) The method of Claim 1, further comprising:
  - sensing the shape of each of the boards; and
  - sorting the boards depending upon the sensed shape.